HAPPY THANKSGIVING

THE ATLANTA HAM

THE OFFICIAL BULLETIN OF THE ATLANTA RADIO CLUB, W4DOC NOVEMBER 2000

RADIO SPECTRUM AN ISSUE IN NOVEMBER ELECTIONS

Source: www.arrl.org

You are the most important lobbyist in Washington! VOTE TUES NOV 7

Amateur Radio now has supporting legislation in the United States Senate with the introduction of new legislation by Idaho Senator Michael Crapo that mirrors HR 783, The Amateur Radio Spectrum Protection Act, in the House. "In introducing this bill, we want to do something for Amateur Radio in return for all the good it has done the people of Idaho and elsewhere in the U.S. by providing a reliable means of backup communication in times of emergency," said Senator Crapo. "We'll work hard to push this bill in the Senate." Crapo is a first term Republican who has also served in the United States House of Representatives and the Idaho legislature.

The new Senate legislation, S. 2183, was introduced with bipartisan cosponsorship from Senators Daniel Akaka (D-HI), Susan Collins (R-ME), Blanche Lambert Lincoln (D-AR), Bob Smith (R-NH) and Olympia Snowe (R-ME). Just like the House version, which was introduced by Florida Representative Michael Bilirakis, the Senate bill, if enacted, would require the Federal Communications Commission to provide equivalent replacement spectrum should it ever be necessary to reallocate Amateur Radio frequencies for some other purpose.

So far, the House bill has drawn bipartisan support, with more than 140 cosponsors to date, and has met with no opposition. However, Congress, and the all important House and Senate Commerce committees, have been preoccupied with non-telecommunications matters and the Amateur Spectrum Protection Act has not yet moved out of committee. The new Senate bill provides additional motivation for the Congress to consider the legislation.

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Lunch Bunch: Fri. @ American Pie, Roswell Road

A Southern Thanksgiving Feast

Here are a few tasty treats to try for the holidays!

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THE ATLANTA HAM IS NOW AVAILABLE ONLINE…

YES! The newsletter is now available online on a monthly basis. Members will have the option to get their copy of the Atlanta Ham at **www.saf.com/arc**. This will help conserve club resources.

THE ATLANTA HAM

The Atlanta HAM is the official bulletin of The Atlanta Radio Club serving its members and the Atlanta community. Original articles, art, and photos are welcome. Copyrighted material cannot be printed without permission form the appropriate legal authority. Please include such disclaimers in all materials submitted.

Submit articles:

Atlanta Radio Club
Attn: HAM EDITOR
PO BOX 942150
Atlanta, Georgia 31141

Contact the editor for available formats to transfer material.

DEADLINE FOR SUBMISSIONS IS THE 21ST OF EACH MONTH!

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THE ATLANTA RADIO CLUB, W4DOC

Originally known as the "Atlanta Wireless Club," the Atlanta Radio Club is one of the oldest and largest amateur radio clubs in the United States. With nearly 200 members, the Club sponsors numerous activities and services for its membership and for the Atlanta area amateur radio community.

The Club is best known for its sponsorship of the annual Atlanta HamFestival, a two-day event which hosts many vendors, exhibitors, and flea marketers of amateur radio equipment and other electronic equipment, including computers

Bank of America Tower
Site of Atlanta Repeaters:
146.2(-), 224.34(-) and 444.825(+)

W4DOC REPEATERS

The Atlanta Radio Club operates six repeaters at two locations. Currently our most active project is at the Bank of America Tower where we operate three repeaters at 146.82(-), 224.34 (-), and 444.825(+). All our repeaters are undergoing extensive renovations during the summer of 2000. Click here for a Acrobat 4.0 diagram of what we plan to have on the air by January 1, 2001.

Our second location is the WFOX broadcast tower at Chestnut Mountain, south of Gainesville, GA. We operate three repeaters on 145.35(-), 224.56(-), & 444.45(+) . These repeaters are being renovated under the expert guidance of Tim, WK4U, and should also be on the air before January 1, 2001. For pictures of that site, see http://www.saf.com/arc/wfox.html

ASSOCIATE ORGANIZATIONS

MEETING NOTICE

WHEN: Thursday November 2, 2000 730pm
WHERE: The Red Cross Training Facility
Lindbergh Plaza – Piedmont and Sidney Marcus
PROGRAM: Andy Glass, WD4MYL, FOX HUNTING

DON'T FORGET DINNER @ THE PICADILLY 6:15PM
The Picadilly is located at the end of the building where our meeting room is located.

PRESIDENT'S MESSAGE – PENN K4PE

Meeting Program: If you missed October excellent program on the BASIC Stamp, don't fret. We hope to have Barry Ward back for the Atlanta Hamfest in June. At November's meeting we will prepare for a fox hunt to be held on November 11th at Kennesaw Mountain National Park. David, KF4MDV, has built a fox (for you newbies a "fox" is a beacon transmitter) using the Basic Stamp controller. (David was inspired by last month's program.) Also November 2nd, Andy Glass, WD4MYL, will give us a hands-on, how-to style program for fox hunting. We need to make rules for this hunt; will we do it on foot or by automobile? How much power will the fox run? How far away will it be? To what extent is David allowed to camouflage it? For answers to these and other questions, come to our November meeting.

Repeaters: My heart jumped into my throat when the 146.82 died midway into the October 15 Sunday-night net. Fortunately everything came back to life with a remote rese. Along with deja vu, it brought a sense of urgency to our repeater upgrade. I have finished the remote that will be installed at KJ4T's house. Next up is the installation of a remotely variable squelch circuit for the 2M Vertex receiver. Perhaps by the time we have our club meeting I will have completed installation of this component. I hope we will direct our attention to the 440 MHz Skywarn link in November. The two best reasons for this upgrade are to stimulate interest in the Atlanta Radio Club and providing a public service of tying into Skywarn. We still need someone to find and apply for a grant for the necessary equipment.

WK4U's work is also progressing on the FOX tower system. He has a plan to install a linking controller like Link's RLC-2 on the GE repeater. That will create a surplus CAT-300 controller that I hope to use in one of the remotes for the 146.82 system. Once Tim installs the RLC-2 he will begin turn his attention to linking 145.35 and 146.82, perhaps via 900 Mhz.

Personal Finance: When Bill, W4LFC, was President of our club, he qualified our club as an entity whose members could join Georgia Power Federal Credit Union. We were granted this status, but Bill never felt it appropriate to promote this with the club. Perhaps that is because he has a close relative in the management of the Credit Union. I have no connection to this credit union and thus no qualms about recommending membership to you. Joining a credit union is a good bargain because they normally pay their customers' higher interest on deposits than banks can. Joining a credit union is even recommended by WSB talk show host, Clark Howard. Close relatives of ARC members are also allowed to join because of the ARC's group status. This is simply a benefit of your membership in the Atlanta Radio Club.

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FOR MORE INFO...
Georgia Power Federal Credit Union at (770) 396-9005 or see www.georgiapowerfcu.org

Hot Cinnamon Cider

1 1/2 quarts apple cider
1/4 cup red cinnamon candies
1 teaspoon whole allspice
1 1/2 tablespoons honey Preparation Instructions:

Heat cider, candies and allspice to boiling; reduce heat. Cover and simmer 5 minutes. Remove allspice; stir in honey.
Yield: 6 servings (1 cup each)

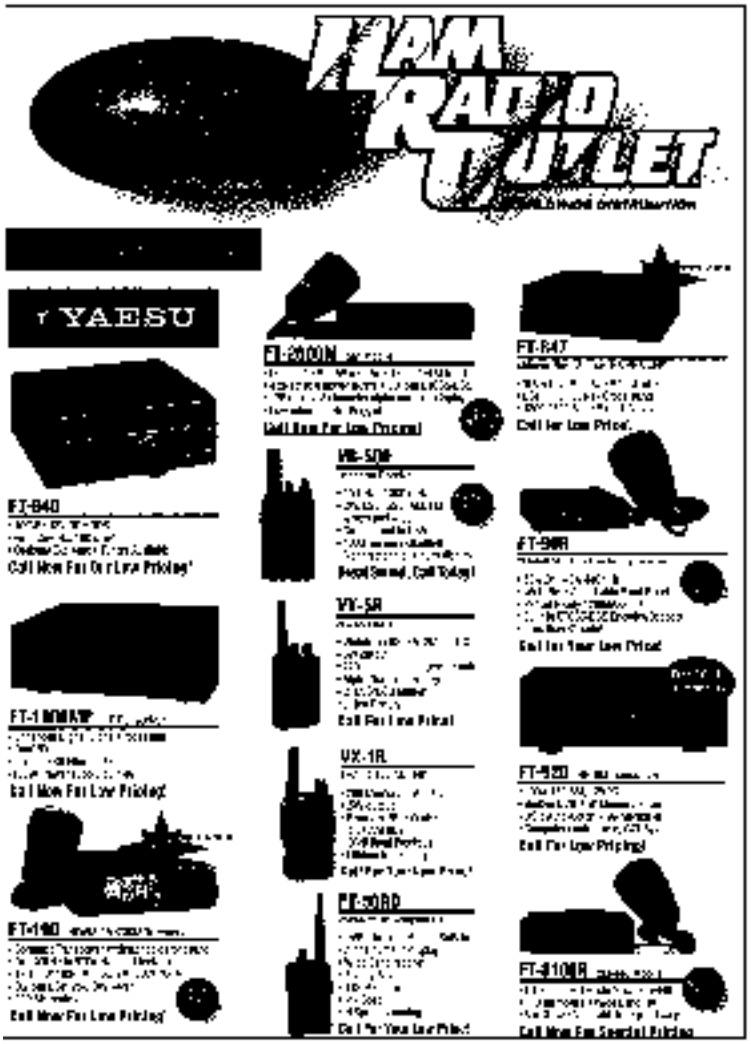
Modest outburst of Leonids in Nov. 2000

October 17-18, 2000 -- Astronomers who predicted the 1999 Leonid meteor storm with unheard-of accuracy say there could be a modest outburst of Leonids in 2000 -- the prelude to more powerful storms in 2001 and 2002. Although Europeans and North Americans will have the best chance to spot Leonids activity this year, meteor watchers everywhere should be on the alert. Brief flurries of shooting stars could materialize over any part of the globe between local midnight and dawn on November 17th and 18th.

"We're very, very confident of the storms coming in 2001 and 2002," says David Asher of the Armagh Observatory. "Peak rates during those years should reach at least 10,000 meteors per hour as Earth passes through debris trails from comet Tempel-Tuttle." Asher expects Leonids activity to reach 100 per hour on Nov. 18, 2000, similar to the recent Perseids display. Other forecasters anticipate higher rates -- around 700 per hour.

"The last quarter Moon will be in the constellation Leo on Nov. 18th, practically on top of the Leonids radiant," says Mitzi Adams, an astronomer at the NASA Marshall Space Flight Center. "Moonlight will make fainter meteors hard to spot, but if there's a strong outburst stargazers could see plenty of Leonids in spite of the bright Moon."

Leonid meteors are caused by tiny meteoroids that burn up in our planet's atmosphere as Earth passes close to the dust-strewn orbit of periodic comet Tempel-Tuttle. Every 33 years when the comet swings



through the inner solar system it lays down a new trail of dusty debris.

Most years the Leonids are a minor event -- boasting no more than 10 to 15 shooting stars per hour. That's what happens when Earth passes through the rarefied zones between Tempel-Tuttle's debris trails. On the rare occasions when our planet plows directly into a dense filament of dust, meteor rates can soar to 100,000 per hour or more.

Predictions for Leonids 2000 Date (2000), Time (UT)
Nov. 17, 07:50 1932 215 Nov 18, 07:51 1866 100-700

METRO TESTING SESSIONS

Call ahead to verify session and be prepared with the appropriate forms and required papers. A small fee may be charged. Check with the VEC

First Sunday WCARS VEC
2:00 PM (Except July and September)
Johnson High School
3305 Poplar Springs Road, Gainseville
Terry Jones, W4TL (770)967-6364

Second Tuesday 7:00 PM
Walton EMC Building
3645 Lenora Church Road, Snellville
Wayne Taylor, WD4CCA (770)498-7759

Second SaturdayCA VEC 8:30 AM
Stone Mountain Methodist Church
5312 West Mountain Street, Stone Mountain
Hal Martin, KI4RD (770)978-9160

Third SaturdayCA VEC 9:00 AM
Marietta First United Methodist Church
Room 305
56 Whitlock Avenue, Marietta
Larry Huff, WA4CQZ (770)955-3171

Fourth Tuesday ARRL VEC 7:00 PM
United Way Service Center
6279 Fairburn Road, Douglasville
Jessie Clower, KB4WFK (770)942-6466

Fourth FridayW5YI VEC 7:00 PM
St. John Neumann Church
801 Tom Smith Road, Lilburn
Headphones provided
Howie Gould, W9HG (770)921-8362

ACTIVELY SPEAKING – JOHN KA4VQH

MONTHIY W4DOC BREAKFAST: NOVEMBER 4 7:30 AM
WHERE: Golden Corral, Lawrenceville, Riversdie Pkwy
DIRECTIONS: Go I-85 North, Exit Hwy 316,
then 2nd exit (Riverside Pkwy) turn left
Golden Corral on left 1/4 mile
WE WILL BE ATTENDING THE ALFORD HAMFEST AFTER BREAKFAST GATE $8.00 BREAKFAST IS $7.99

FOX HUNT: NOVEMBER 11 TBA Kennesaw Mountain
David T. KF4MDV is sponsoring a Fox Hunt
Come to the November meeting for more details

LUNCH BUNCH: EVERY FRIDAY NOON
WHERE: American Pie Roswell Road Just north of I-285

AROUND TOWN...

1st Tuesday Kenehoochee ARC Meeting 7:30pm
First United Methodist Church Marietta

1st Tuesday Metro Atlanta Telephone Pioneers
6;30pm Old Hickory House , ChambleDunwoody-I285

1st Thursday Atlanta Radio Club Meeting 7:30pm
Details Front Page…

2nd Wednesday North Fulton ARS Dinner 6:30pm

2nd Thursday Alford Memorial RC Dinner 6:00pm
Meeting 7:30pm Elks Lodge Memorial Drive

2nd Saturday East Atlanta LAN , PACKET Meeting 10:00am
St. Patrick's Episcopal Church 4755 N. Ptree Rd Dunwoody

3rd Thursday Gwinnett ARS Meeting 7:30pm
Central First Baptist Church Lawrenceville

FOR MORE INFORMATION WWW.SAF.COM/ARC

Want To "Make A Statement On The Hill?" Write Your Senators and Congressman

Many members of Congress will not consider co-sponsorship of comparatively small, technical bills like HR 783/ S 2183 without concrete evidence of support from their own constituents. So if you'd like to help Amateur Radio make a statement on The Hill, consider sending him or her a letter. Too busy to send a letter? Send a QSL card that simply says "Support Amateur Radio. Cosponsor HR 783/ S 2183." Don't wait for someone else to do it, because they may not, and then your state and district will not be represented. When you write, you can use the following sample as a starting point. Then insert your own, localized information about emergency activities or other benefits to the state and congressional district.

Current supporters of Ham Radio in the Georgia delegation in Washington include: Bishop Sandford Jr., Nathan Deal, and Johnny Isakson. If your Congressman or Senator is not listed let them know you would like their support.

To E-Mail Your Member of Congress, see:
http://www.house.gov/writerep/ Representatives.
http://www.senate.gov/contacting/index.cfm Senators.

Sample Letter to Your Member of Congress
(You may customize this letter)

Office of (Name)
United States House of Representatives
Washington, DC 20515
Office of (Name)
United States Senate
Washington, DC 20510

RE: H.R. 783/ S. 2183

Dear Senator/ Representative (name):

Writing as one of the nation's more than 650,000 licensed radio amateurs, I urge you to co-sponsor HR 783/S. 2183, the Amateur Radio Spectrum Protection Act of 1999.
This bill is a nonpartisan, non-controversial measure designed to help protect the radio frequencies used by Amateur Radio volunteers in our state and elsewhere to provide emergency communication, technical experimentation and recreation.
Your co-sponsorship of HR 783/S. 2183 will help ensure Amateur Radio's public service role for the people of our state.

I look forward to hearing from you.

Sincerely, John “HAM” Amateur

CLASSIFIEDS

EQUIPMENT

Life Member DON BROWN, W4MY is retiring from HAM RADIO and wishes to liquidate his station. You must visit his station to buy items. No inventory will be provided
Contact: Don 404-365-9695

Yaesu FTdx560 xcvr & manual 560w PEP/500w CW, 80/40/20/15/10 mtrs, 6KD6 (2) finals. Purchased but never powered up or tested $250 OBO
Pete Kwasney, W4CBV,
770-932-0078

~~FREE CLASSIFIED ADS!~~

Kentucky Bourbon Pecan Pie

Pecan Pie
.1 9-inch Pie Crust
2/3 cup sugar
1/3 cup margarine or butter, melted
3/4 cup dark corn syrup
1/4 cup bourbon
1/2 teaspoon salt
3 eggs
1 cup pecan halves

Preparation Instructions:

Heat over to 375 degrees. Beat sugar, margarine, corn syrup, bourbon, salt and eggs with hand beater. Stir in pecans. Pour into pasty crust. Bake 40 to 50 minutes or until set. Refrigerate at least 2 hours until chilled. Refrigerate any remaining pie immediately.

Yield: 6 - 8 servings

ATLANTA RADIO CLUB, INC.
PO BOX 942150
ATLANTA, GEORGIA 31142150

GENERAL CLUB MEETING NOV. 2, 2000

Deep Fried Turkey

While there are my ways to perform frying a whole bird from cutting the top off of a beer keg to cooking outdoors- there are electric models of deep turkey fryers available for purchase which seem to be the safest way to accomplish fixing this tasty bird. The best size for deep frying is about 12 pounds.

4 oz. liquid garlic
4 oz. liquid onion
4 oz. liquid celery
1 tablespoon red pepper
2 tablespoon. salt
2 tablespoon tabasco
1 oz. liquid crab boil
1 poultry or meat injector
1 defrosted 10-12 pound turkey
salt and cayenne pepper
5 gallons Peanut oil Preparation Instructions:

Sauté first seven ingredients until salt and pepper are dissolved. Fill the injector and inject turkey at breast, wings, drumsticks, thighs and back. Allow to marinate 24 hours in refrigerator or ice chest.

Rinse the turkey well and pat dry inside and out. Using a shaker, sprinkle the bird inside and out with salt and then shake on the cayenne. Be sure to rub the seasonings into the meat .

Use a 10 gallon pot for frying or electric fryer. Bring peanut oil to 350 degree temperature and fry turkey at 3 1/2 minutes per pound. Also use a steamer rig (rack) to keep the bird off the bottom of the pot where the oil is much hotter. You may want to tie turkey legs with 1/2" cotton ropes or attach a heavy wire coat hanger hooked to the wire band that secures the turkey's legs will help when lowering and lifting the turkey into the hot fat. Also use a sturdy cooking spoon, tongs, or a large fork for extra support. Do not rely solely on the wire band or rope to lift a heavy turkey as it can loosen during the cooking process. Wearing cooking mitts and holding turkey by the legs, very slowly and carefully lower the bird into the hot oil, all the way. The Turkey should float to surface after about 35 minutes and you should cook an additional 5-7 minutes. Test for doneness at the bone in the thigh joint. Carefully remove turkey from oil and allow it to drain. Stand it upright on its leg so excess oil will drain from the cavity.